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Notice of Allowability	Application No.	Applicant(s)	
	10/057,589	NIMMAGADDA, PRASAD	
	Examiner	Art Unit	
	Thien D. Tran	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/12/2006.
2. ☒ The allowed claim(s) is/are 2,4,5,3,61,62,31-33,35,36,38,39,42,43,46,52-54,47-51,55-58 renumbered as 1-28 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

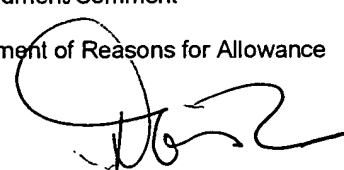
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|


DORIS H. TO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

Regarding claims 2, 3, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system used between a telecommunications network and a customer's premises, the ADSL system being available to provide voice service and data service to the customer's premises, one service as between the voice service or the data service being in use with respect to the customer's premises, a method to provide a choice of a selected mode of operation of the other service, the method comprising the steps of: causing the ADSL system to provide a list of modes of causing the ADSL system to provide impact information on performance of the one service in light of concurrent use of the other service, within the structure of the independent claims 2, 3.

Regarding claim 31, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device, a method to operate a data service of the ADSL system pursuant to a selected mode of operation of the data service, the method comprising the step of causing the computer to provide impact information on performance of the data service in light of concurrent use of the voice service including an effect of the data service on the voice service when the voice service is used concurrently with the data service, within the structure of the independent claim 31.

Regarding claim 33, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device, a method to operate a data service of the ADSL system pursuant to a selected mode of operation of the data service, the method comprising the step causing the computer to display a list of modes of operation comprising a wait mode in the list of modes of operation, within the structure of the independent claim 33.

Regarding claims 33, 38, 46, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a computer and telecommunication device, a method to provide impact information on performance of a data service in light of concurrent use of a voice service on the ADSL system, the method comprising the step of causing the computer to display or announce a list of modes of operation, within the structure of the independent claims 35, 38, 46.

Regarding claim 42, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device and a computer, a system to provide a choice of a selected mode of operation between one service and another service, the system comprising a computer for displaying a list of modes of operation and providing impact information on performance of the one service in light of concurrent use of the other service, within the structure of the independent claim 42.

Regarding claims 47, 48, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device and a computer, and a telecommunication device, a system to provide impact

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information on performance of one service as between a data service or a voice service in light of concurrent use of the other service, the system comprising the impact information having data on degradation of low power mode of the data service in light of the concurrent use of the voice service, within the structure of the independent claims 47, 48.

Regarding claim 49, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device and a computer, and a telecommunication device, a system to provide impact information on performance of one service as between a data service or a voice service in light of concurrent use of the other service, the system comprising the impact information on an effect of the full power mode of the data service in light of the concurrent use of the voice service, within the structure of the independent claim 49.

Regarding claim 55, the prior arts fail to teach or fairly suggest, in an asymmetrical digital subscriber line (ADSL) system connected to a telecommunications device and a computer, and a telecommunication device, a system to provide impact information on performance of one service as between a data service or a voice service in light of concurrent use of the other service, the system comprising a message from a switch comprising a list of modes of the data service, within the structure of the independent claim 55.

Conclusion

2. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thien Tran whose telephone number is (571) 272-3156. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To, can be reached on (571) 272-7629. Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

3. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have any questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197.

Patent Examiner

Thien Tran